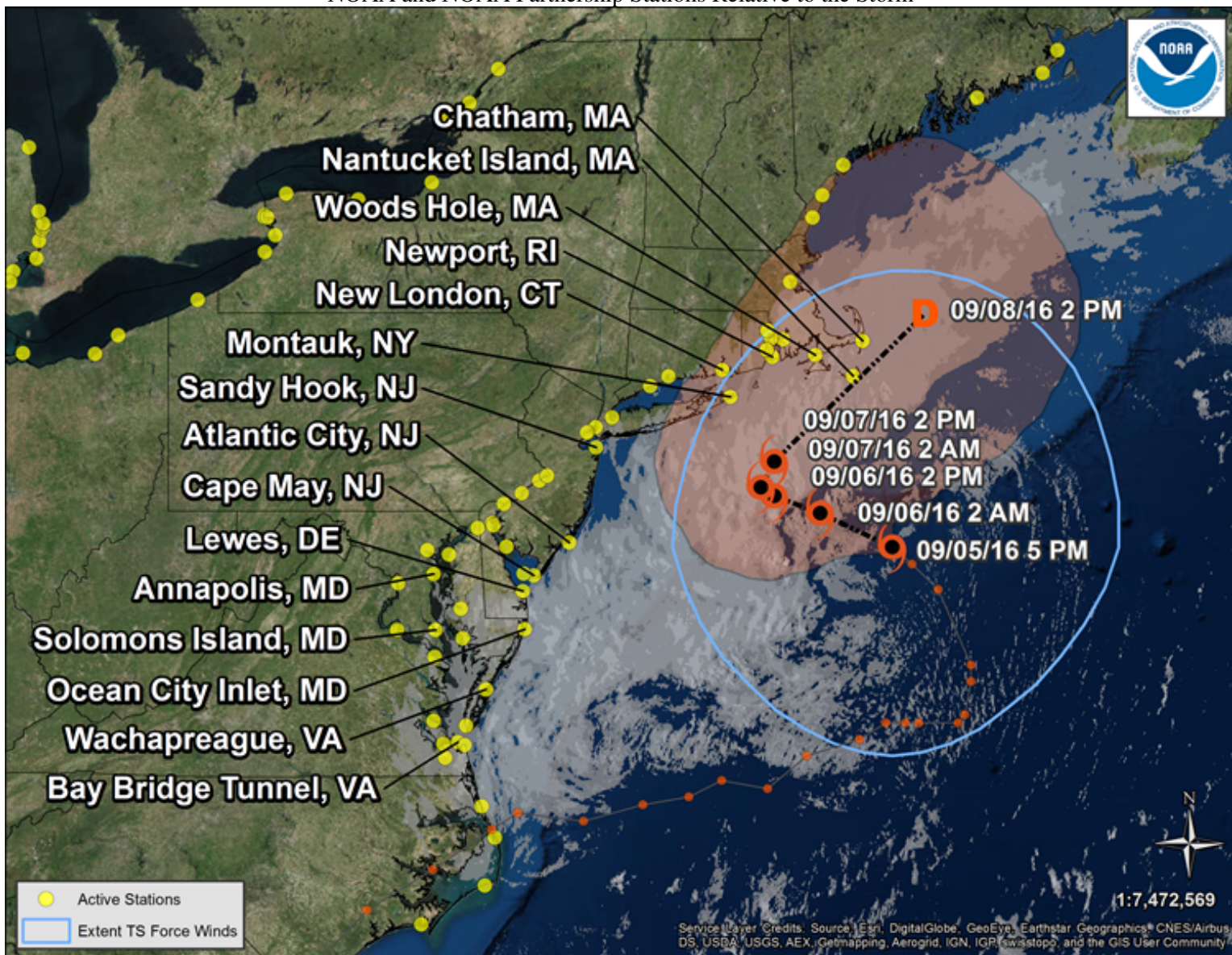




Post-tropical Storm HERMINE QuickLook Posted: 18:00 AST 09/05/2016

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/05/2016 18:00 AST, water levels remain elevated from Chesapeake Bay to Massachusetts. Water levels within the Chesapeake Bay and from the entrance of Chesapeake Bay to New Jersey generally range between 1 and 1.7 feet above tidal predictions. Water levels from Long Island, New York to Massachusetts range between 0.6 and 1.3 feet above tidal predictions.

Most areas are seeing winds of 5-15 knots with a few areas seeing slightly higher gusts at times as high as 20 knots. Nantucket Island's winds are increasing with gusts up to 40 knots. Barometric pressure remains steady at all stations except those from New York to Massachusetts, which are decreasing in pressure.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:ADM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

POST-TROPICAL CYCLONE HERMINE ADVISORY NUMBER 34
NWS NATIONAL HURRICANE CENTER MIAMI FL
500 PM AST MON SEP 05 2016

...HERMINE EXPECTED TO BEGIN WEAKENING TONIGHT...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

None.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

- * The coast of Long Island from Fire Island Inlet to Port Jefferson Harbor
- * New Haven to Sagamore Beach
- * Block Island
- * Martha's Vineyard
- * Nantucket

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 500 PM AST, the center of Post-Tropical Cyclone Hermine was located ABOUT 175 MI SE OF THE EASTERN TIP OF LONG ISLAND. The post-tropical cyclone is moving toward the west-northwest near 7 mph and this general motion is expected to continue overnight, followed by a slow and erratic motion on Tuesday and Wednesday. On the forecast track, the center of Hermine will meander slowly offshore of the New England coast into Wednesday.

Maximum sustained winds are near 70 mph with higher gusts. A weakening trend is forecast to begin tonight.

Tropical-storm-force winds extend outward up to 230 miles from the center.

The estimated minimum central pressure is 997 mb.

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions will continue to spread over portions of the warning area tonight and Tuesday.

STORM SURGE: The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. Along the immediate coastline, the surge will be accompanied by large and dangerous waves.

The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Coast of Long Island from Fire Island Inlet to Port Jefferson Harbor...1 to 2 feet

RAINFALL: Hermine will produce total rain accumulations of 1 to 2 inches across eastern Massachusetts, including Cape Cod and the offshore islands, through Wednesday.

SURF: Large waves generated by Hermine will affect the U.S. east coast from the mid-Atlantic states through New England. These waves are likely to cause life-threatening surf and rip current conditions, and significant beach erosion. Please consult products from your local weather office.

NEXT ADVISORY

Next intermediate advisory at 800 PM AST.

Next complete advisory at 1100 PM AST.

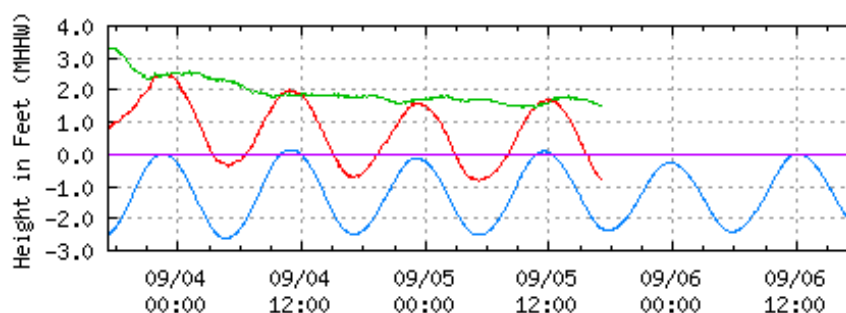
\$\$

Forecaster Pasch

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Chesapeake Bay Bridge Tunnel - Barometric](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Solomons Island - Water Level](#), [Annapolis - Water Level](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Ocean City Inlet - Barometric](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Lewes - Barometric](#), [Cape May - Water Level](#), [Cape May - Winds](#), [Cape May - Barometric](#), [Atlantic City - Water Level](#), [Atlantic City - Barometric](#), [Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Sandy Hook - Barometric](#), [Montauk - Water Level](#), [Montauk - Barometric](#), [New London - Water Level](#), [New London - Winds](#), [Newport - Water Level](#), [Newport - Winds](#), [Newport - Barometric](#), [Nantucket Island - Water Level](#), [Nantucket Island - Winds](#), [Nantucket Island - Barometric](#), [Woods Hole - Water Level](#), [Woods Hole - Barometric](#), [Chatham - Water Level](#)

NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

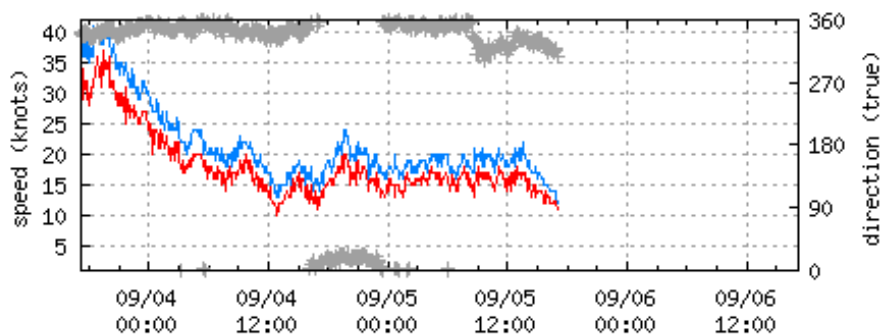
Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

Observed: -0.82 ft. Predicted: -2.31 ft. Residual: 1.49 ft.

Historical Maximum Water Level: Nov 12 2009, 4.66 ft.

Next High Tide: 09/05/2016 23:45 (EDT), -0.26 ft.

NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA
Wind Speed / Gusts / Direction

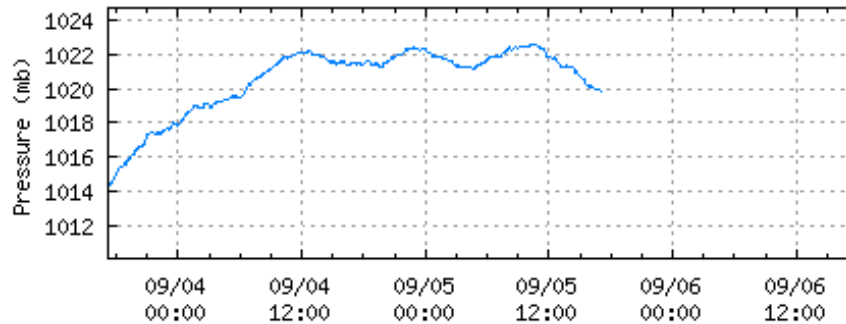


speed — gusts — direction +

Last Observed Sample: 09/05/2016 17:06 (EDT)

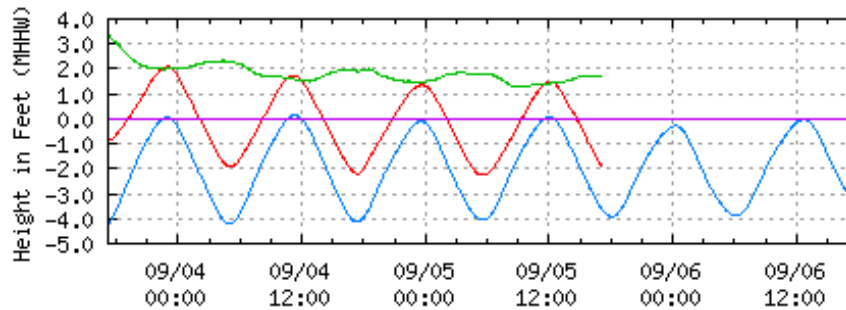
Wind Speed: 11 knots Gusts: 13 knots Direction: 308° T

NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA
Barometric Pressure



barometric pressure —
Last Observed Sample: 09/05/2016 17:06 (EDT)
Barometric Pressure: 1019.9 mb

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

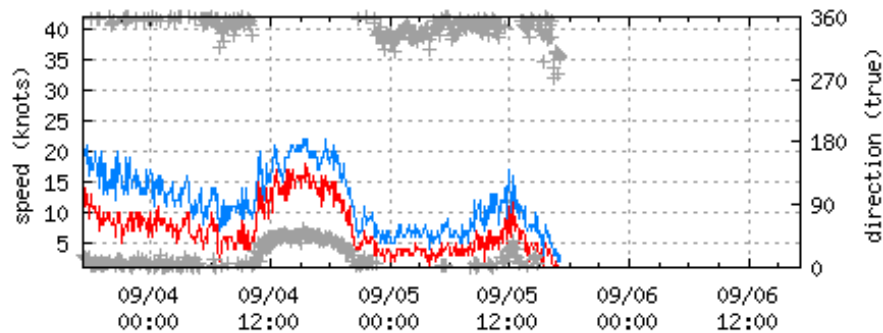


Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 09/05/2016 17:12 (EDT). Data relative to MHHW
Observed: -1.95 ft. Predicted: -3.66 ft. Residual: 1.71 ft.
Historical Maximum Water Level: Feb 5 1998, 4.41 ft.
Next High Tide: 09/06/2016 00:13 (EDT), -0.29 ft.

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA

Wind Speed / Gusts / Direction



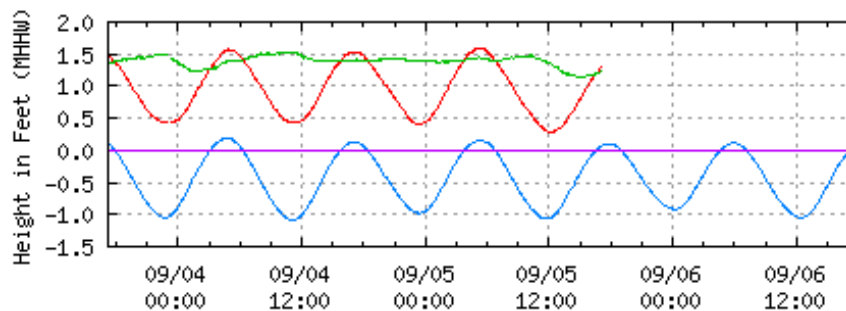
speed — gusts — direction +

Last Observed Sample: 09/05/2016 17:12 (EDT)

Wind Speed: 2 knots Gusts: 3 knots Direction: 279° T

NOAA/NOS/CO-OPS 8577330 Solomons Island, MD

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —
Observed WL —

(Obs-Pred) —
MHHW —

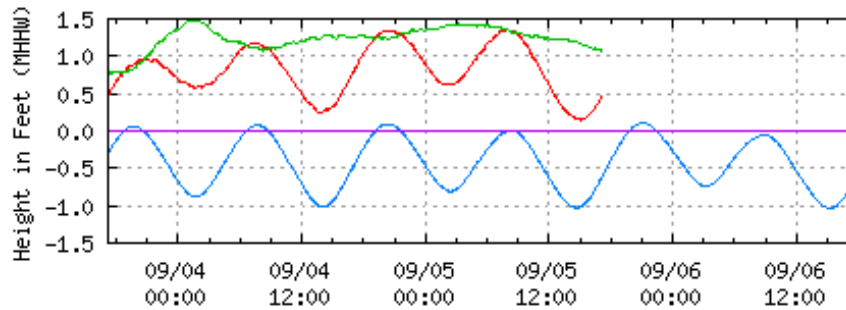
Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

Observed: 1.30 ft. Predicted: 0.07 ft. Residual: 1.23 ft.

Historical Maximum Water Level: Sep 1 2006, 2.93 ft.

Next High Tide: 09/05/2016 17:49 (EDT), 0.10 ft.

NOAA/NOS/CO-OPS 8575512 Annapolis, MD
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

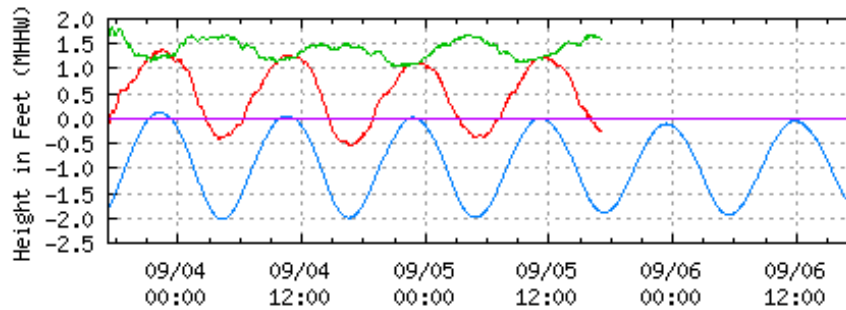
Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

Observed: 0.45 ft. Predicted: -0.62 ft. Residual: 1.07 ft.

Historical Maximum Water Level: Sep 19 2003, 5.73 ft.

Next High Tide: 09/05/2016 21:07 (EDT), 0.11 ft.

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

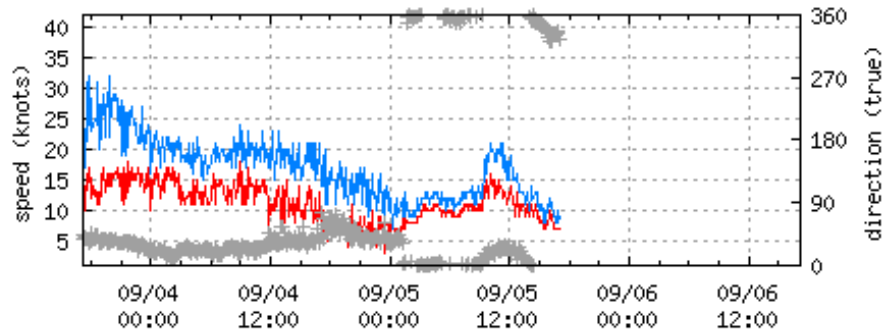
Observed: -0.26 ft. Predicted: -1.88 ft. Residual: 1.62 ft.

Historical Maximum Water Level: Feb 5 1998, 3.61 ft.

Next High Tide: 09/05/2016 23:24 (EDT), -0.11 ft.

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Wind Speed / Gusts / Direction



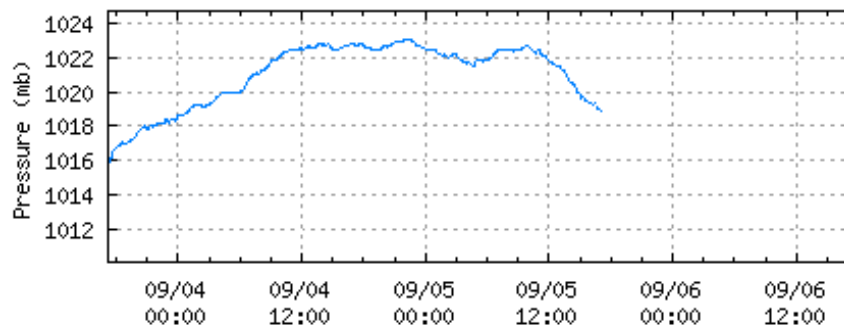
speed — gusts — direction +

Last Observed Sample: 09/05/2016 17:06 (EDT)

Wind Speed: 7 knots Gusts: 8 knots Direction: 321° T

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Barometric Pressure

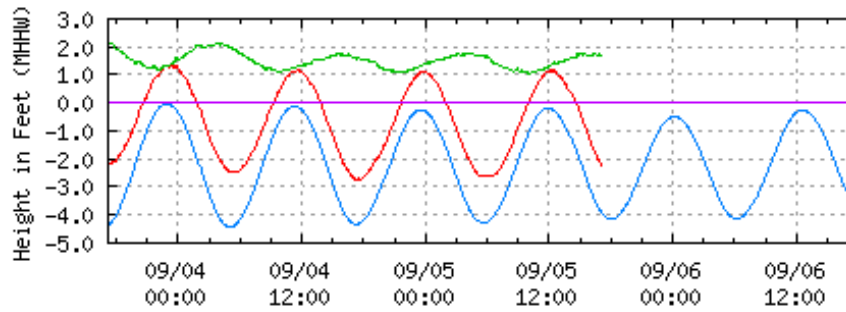


barometric pressure —

Last Observed Sample: 09/05/2016 17:06 (EDT)

Barometric Pressure: 1018.9 mb

NOAA/NOS/CO-OPS 8557380 Lewes, DE
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

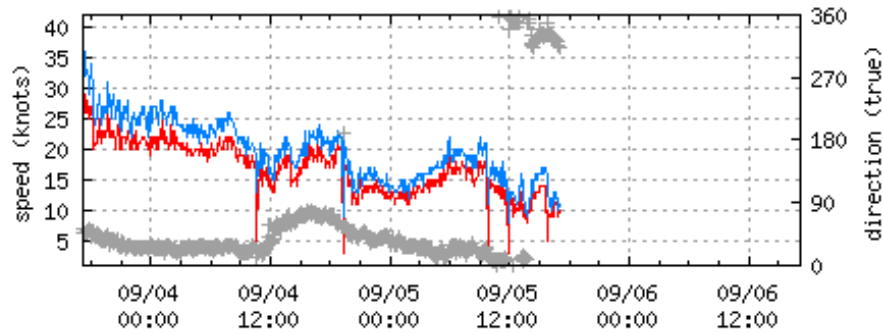
Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

Observed: -2.21 ft. Predicted: -3.92 ft. Residual: 1.71 ft.

Historical Maximum Water Level: Mar 6 1962, 4.57 ft.

Next High Tide: 09/06/2016 00:10 (EDT), -0.49 ft.

NOAA/NOS/CO-OPS 8557380 Lewes, DE
Wind Speed / Gusts / Direction

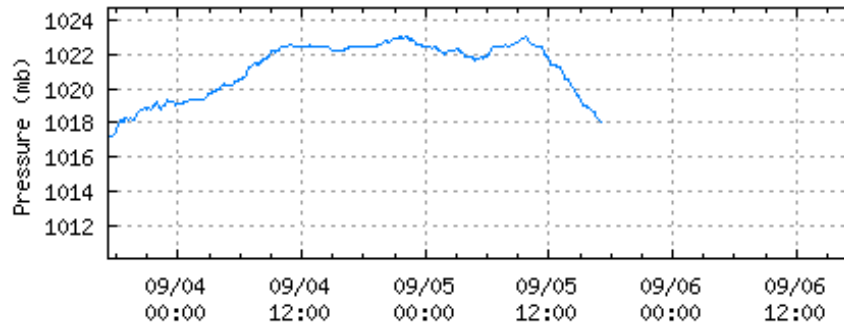


speed — gusts — direction +

Last Observed Sample: 09/05/2016 17:06 (EDT)

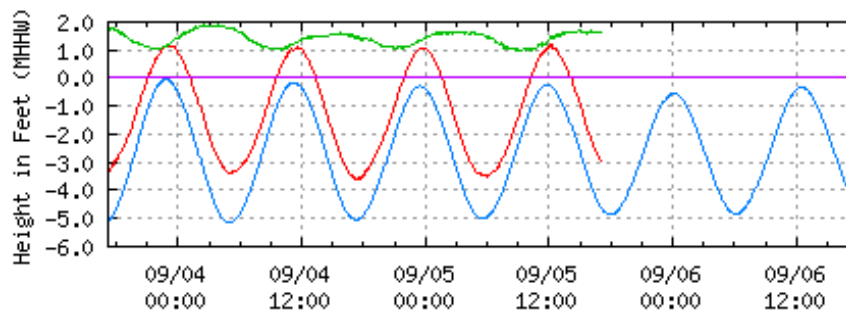
Wind Speed: 10 knots Gusts: 11 knots Direction: 314° T

NOAA/NOS/CO-OPS 8557380 Lewes, DE
Barometric Pressure



barometric pressure —
Last Observed Sample: 09/05/2016 17:06 (EDT)
Barometric Pressure: 1018.0 mb

NOAA/NOS/CO-OPS 8536110 Cape May, NJ
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 09/05/2016 17:12 (EDT). Data relative to MHHW

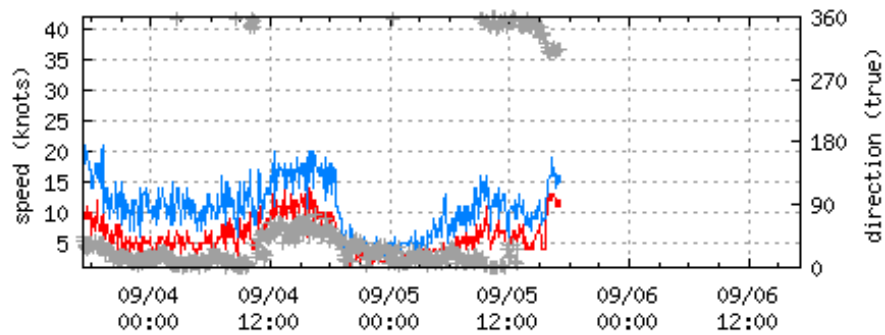
Observed: -3.07 ft. Predicted: -4.69 ft. Residual: 1.62 ft.

Historical Maximum Water Level: Oct 29 2012, 3.44 ft.

Next High Tide: 09/06/2016 00:06 (EDT), -0.55 ft.

NOAA/NOS/CO-OPS 8536110 Cape May, NJ

Wind Speed / Gusts / Direction



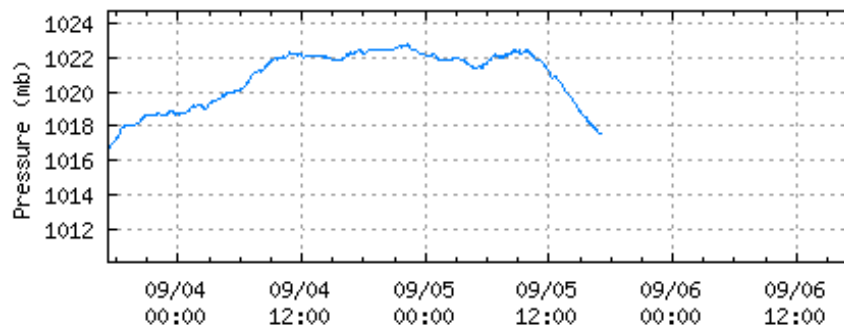
speed — gusts — direction +

Last Observed Sample: 09/05/2016 17:12 (EDT)

Wind Speed: 11 knots Gusts: 14 knots Direction: 313° T

NOAA/NOS/CO-OPS 8536110 Cape May, NJ

Barometric Pressure

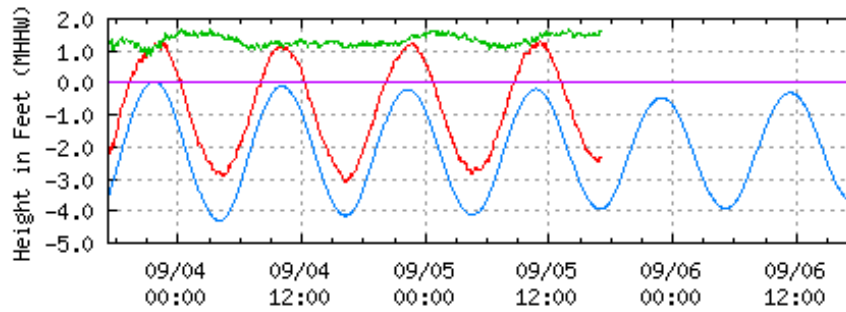


barometric pressure —

Last Observed Sample: 09/05/2016 17:12 (EDT)

Barometric Pressure: 1017.5 mb

NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

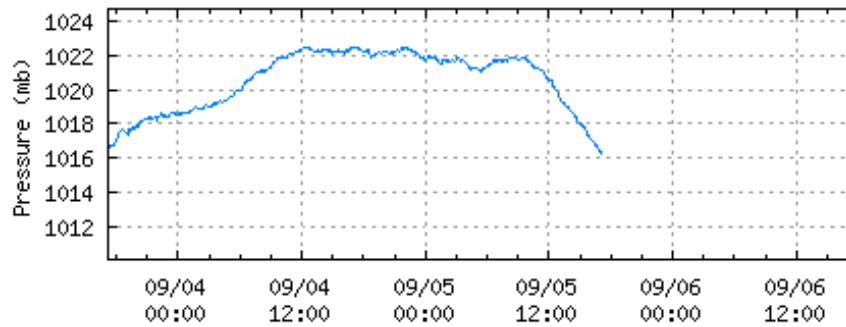
Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

Observed: -2.33 ft. Predicted: -3.93 ft. Residual: 1.60 ft.

Historical Maximum Water Level: Dec 11 1992, 4.38 ft.

Next High Tide: 09/05/2016 22:55 (EDT), -0.47 ft.

NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ
Barometric Pressure

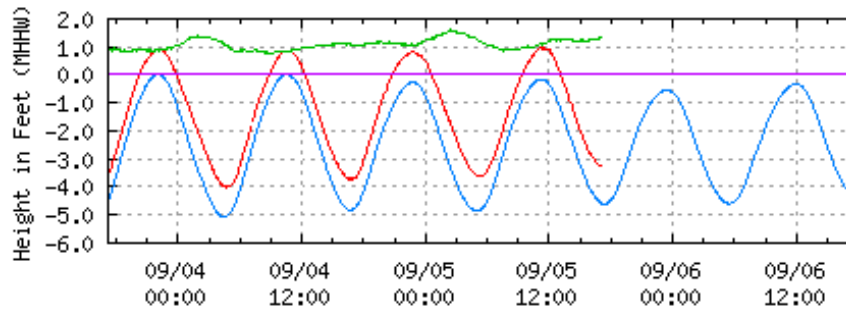


barometric pressure —

Last Observed Sample: 09/05/2016 17:06 (EDT)

Barometric Pressure: 1016.3 mb

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

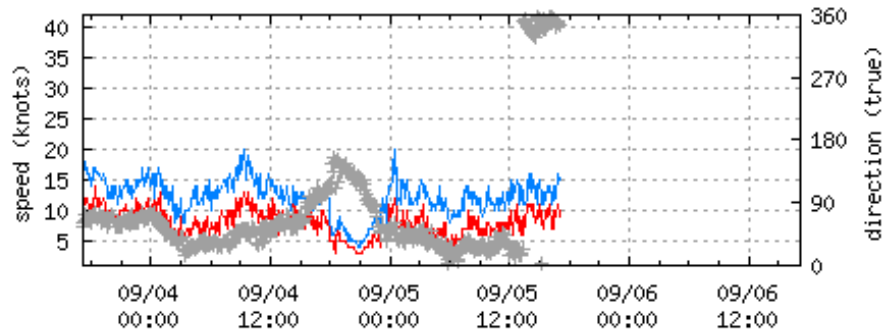
Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

Observed: -3.25 ft. Predicted: -4.59 ft. Residual: 1.34 ft.

Historical Maximum Water Level: Sep 12 1960, 4.86 ft.

Next High Tide: 09/05/2016 23:27 (EDT), -0.55 ft.

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ
Wind Speed / Gusts / Direction

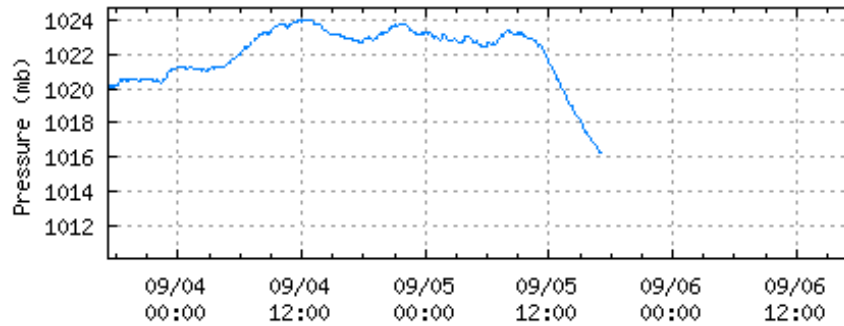


speed — gusts — direction +

Last Observed Sample: 09/05/2016 17:06 (EDT)

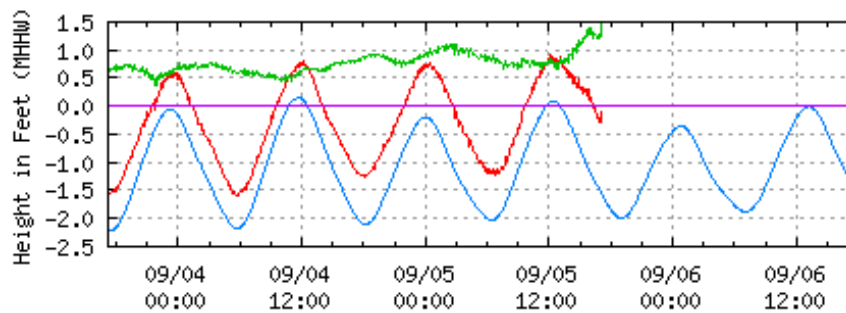
Wind Speed: 9 knots Gusts: 14 knots Direction: 347° T

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ
Barometric Pressure



barometric pressure —
Last Observed Sample: 09/05/2016 17:06 (EDT)
Barometric Pressure: 1016.1 mb

NOAA/NOS/CO-OPS 8510560 Montauk, NY
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

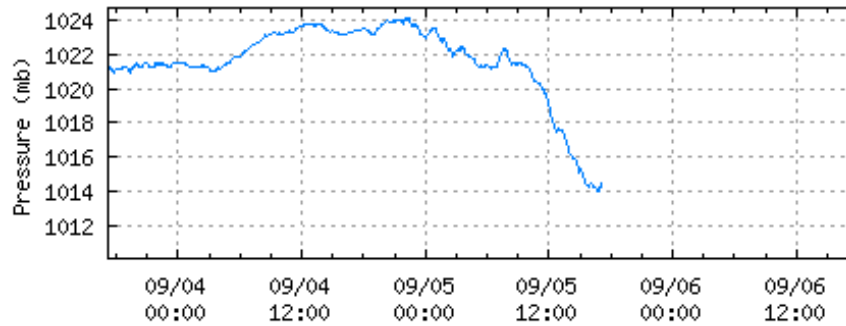
Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

Observed: -0.12 ft. Predicted: -1.57 ft. Residual: 1.45 ft.

Historical Maximum Water Level: Aug 31 1954, 5.91 ft.

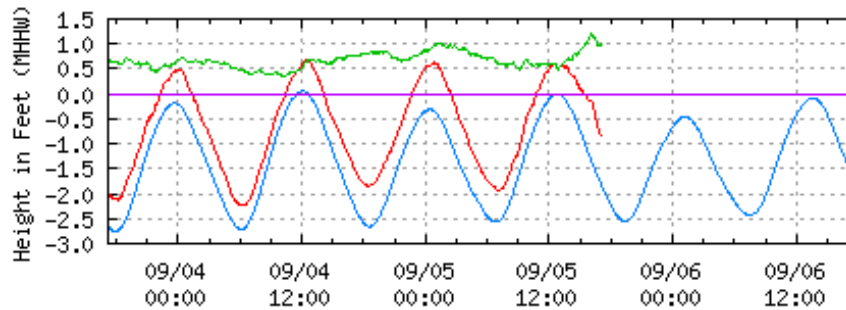
Next High Tide: 09/06/2016 00:47 (EDT), -0.35 ft.

NOAA/NOS/CO-OPS 8510560 Montauk, NY
Barometric Pressure



barometric pressure —
Last Observed Sample: n/a
Barometric Pressure: 0.0 mb

NOAA/NOS/CO-OPS 8461490 New London, CT
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

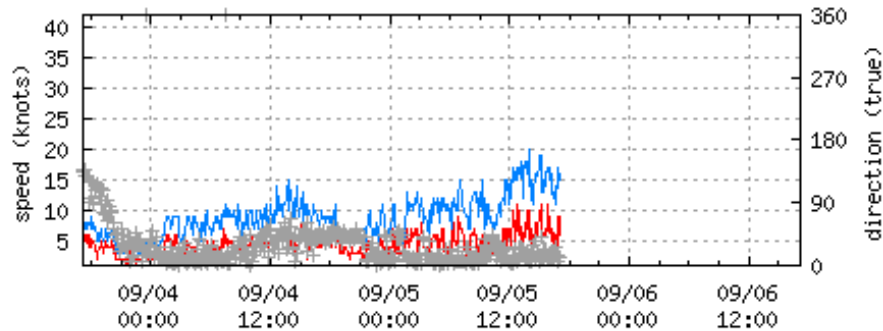
Observed: -0.84 ft. Predicted: -1.84 ft. Residual: 1.00 ft.

Historical Maximum Water Level: Sep 21 1938, 7.53 ft.

Next High Tide: 09/06/2016 01:11 (EDT), -0.46 ft.

NOAA/NOS/CO-OPS 8461490 New London, CT

Wind Speed / Gusts / Direction



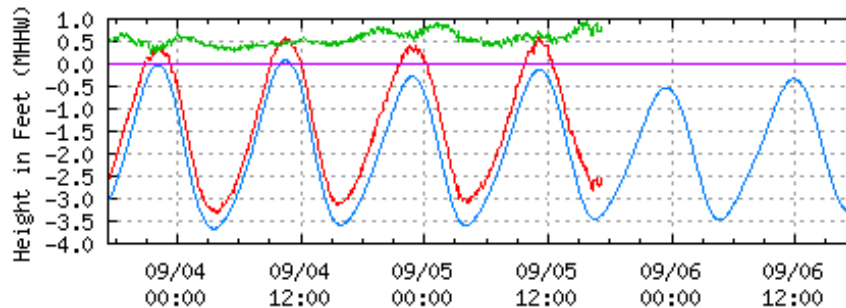
speed — gusts — direction +

Last Observed Sample: 09/05/2016 17:06 (EDT)

Wind Speed: 9 knots Gusts: 16 knots Direction: 12° T

NOAA/NOS/CO-OPS 8452660 Newport, RI

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —
Observed WL —

(Obs-Pred) —
MHHW —

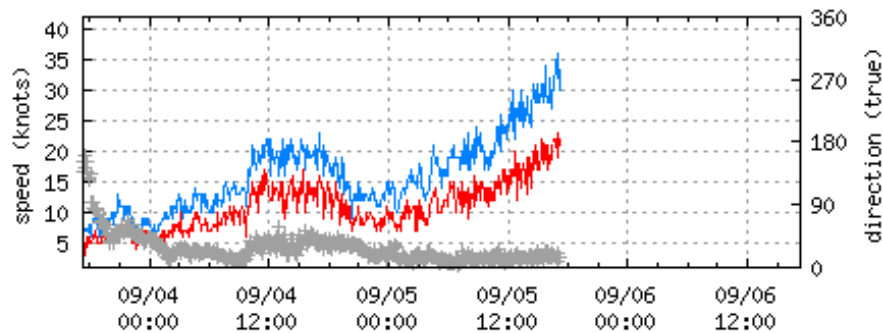
Last Observed Sample: 09/05/2016 17:12 (EDT). Data relative to MHHW

Observed: -2.54 ft. Predicted: -3.36 ft. Residual: 0.82 ft.

Historical Maximum Water Level: Sep 21 1938, 9.46 ft.

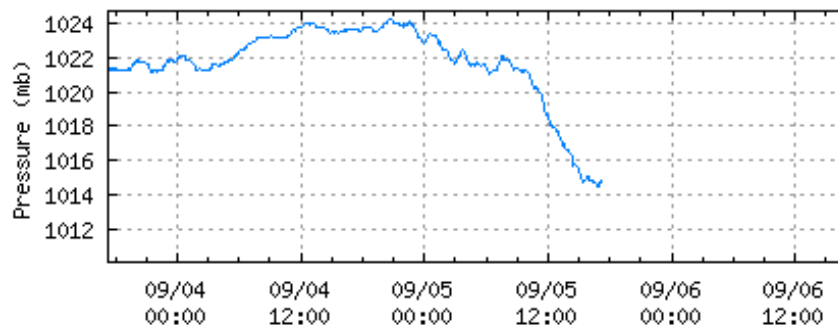
Next High Tide: 09/05/2016 23:27 (EDT), -0.53 ft.

NOAA/NOS/CO-OPS 8452660 Newport, RI
Wind Speed / Gusts / Direction



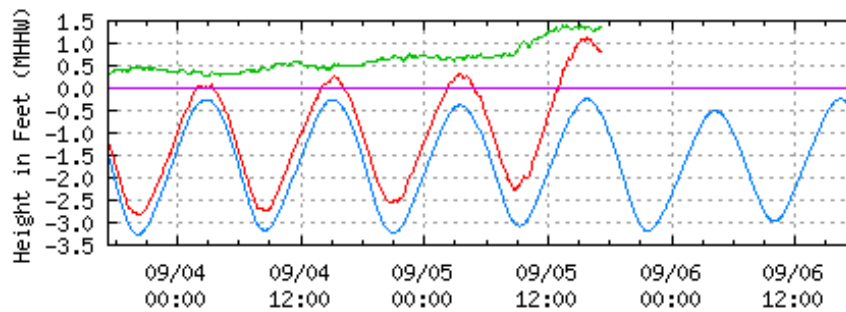
speed — gusts — direction +
Last Observed Sample: 09/05/2016 17:12 (EDT)
Wind Speed: 22 knots Gusts: 30 knots Direction: 16° T

NOAA/NOS/CO-OPS 8452660 Newport, RI
Barometric Pressure



barometric pressure —
Last Observed Sample: 09/05/2016 17:12 (EDT)
Barometric Pressure: 1014.8 mb

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

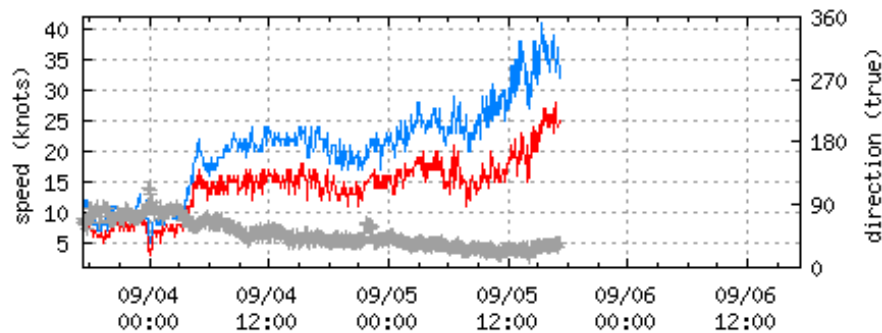
Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

Observed: 0.80 ft. Predicted: -0.56 ft. Residual: 1.36 ft.

Historical Maximum Water Level: Oct 30 1991, 4.29 ft.

Next High Tide: 09/06/2016 04:13 (EDT), -0.51 ft.

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA
Wind Speed / Gusts / Direction

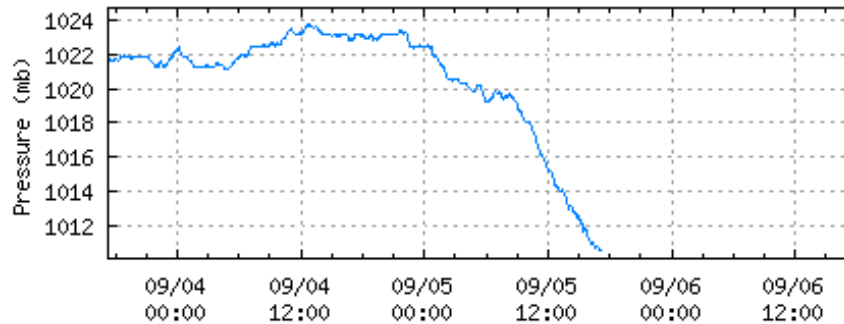


speed — gusts — direction +

Last Observed Sample: 09/05/2016 17:06 (EDT)

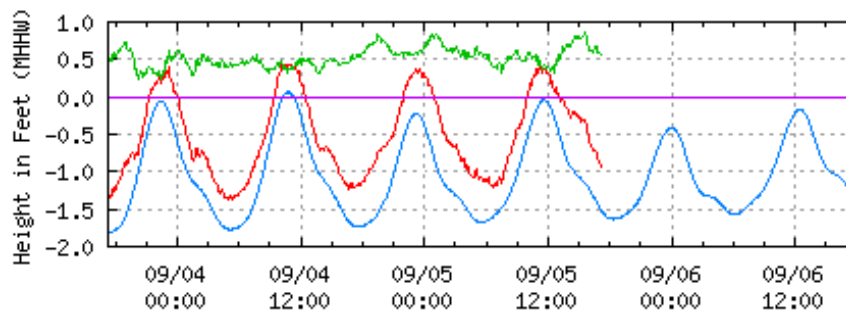
Wind Speed: 25 knots Gusts: 32 knots Direction: 34° T

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA
Barometric Pressure



barometric pressure —
Last Observed Sample: 09/05/2016 17:06 (EDT)
Barometric Pressure: 1010.6 mb

NOAA/NOS/CO-OPS 8447930 Woods Hole, MA
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

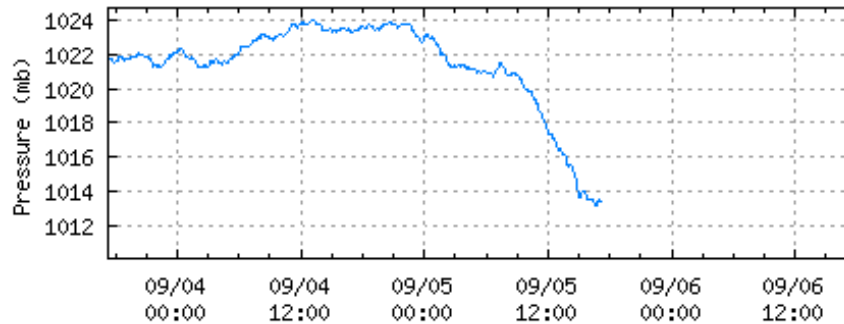
Last Observed Sample: 09/05/2016 17:06 (EDT). Data relative to MHHW

Observed: -0.93 ft. Predicted: -1.50 ft. Residual: 0.57 ft.

Historical Maximum Water Level: Sep 21 1938, 8.58 ft.

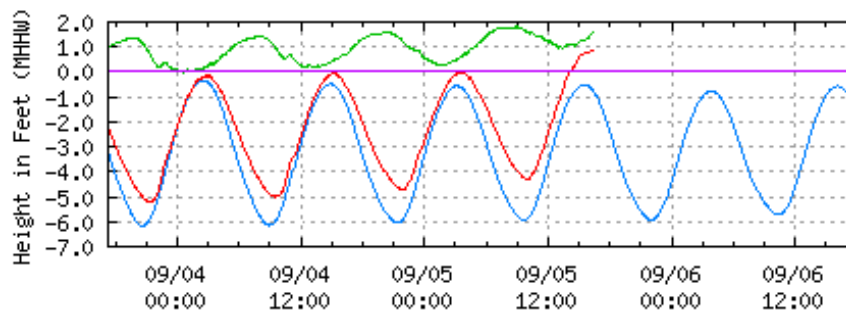
Next High Tide: 09/05/2016 23:58 (EDT), -0.41 ft.

NOAA/NOS/CO-OPS 8447930 Woods Hole, MA
Barometric Pressure



barometric pressure —
Last Observed Sample: 09/05/2016 17:06 (EDT)
Barometric Pressure: 1013.4 mb

NOAA/NOS/CO-OPS 8447435 Chatham, MA
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 09/05/2016 16:24 (EDT). Data relative to MHHW

Observed: 0.85 ft. Predicted: -0.78 ft. Residual: 1.63 ft.

Historical Maximum Water Level: Feb 26 2010, 2.96 ft.

Next High Tide: 09/06/2016 03:51 (EDT), -0.78 ft.

Latest Water Level Observations on MHHW

| Station ID | Station Name | Date/Time | Observed Water Level | Predicted Tide | Residual Water Level | 24 Hour Maximum Storm Tide |
|------------|----------------------------------|------------------------|----------------------------|-------------------|----------------------------|-------------------------------------|
| 8638863 | Chesapeake Bay Bridge Tunnel, VA | 09/05/2016 17:06 (EDT) | -0.82 ft | -2.31 ft | 1.49 ft | 1.69 ft |
| 8631044 | Wachapreague, VA | 09/05/2016 17:12 (EDT) | -1.95 ft | -3.66 ft | 1.71 ft | 1.49 ft |
| 8577330 | Solomons Island, MD | 09/05/2016 17:06 (EDT) | 1.30 ft | 0.07 ft | 1.23 ft | 1.60 ft |
| 8575512 | Annapolis, MD | 09/05/2016 17:06 (EDT) | 0.45 ft | -0.62 ft | 1.07 ft | 1.35 ft |
| 8570283 | Ocean City Inlet, MD | 09/05/2016 17:06 (EDT) | -0.26 ft | -1.88 ft | 1.62 ft | 1.25 ft |
| 8557380 | Lewes, DE | 09/05/2016 17:06 (EDT) | -2.21 ft | -3.92 ft | 1.71 ft | 1.17 ft |
| 8536110 | Cape May, NJ | 09/05/2016 17:12 (EDT) | -3.07 ft | -4.69 ft | 1.62 ft | 1.18 ft |
| 8534720 | Atlantic City, NJ | 09/05/2016 17:06 (EDT) | -2.33 ft | -3.93 ft | 1.60 ft | 1.31 ft |
| 8531680 | Sandy Hook, NJ | 09/05/2016 17:06 (EDT) | -3.25 ft | -4.59 ft | 1.34 ft | 0.99 ft |
| 8510560 | Montauk, NY | 09/05/2016 17:06 (EDT) | -0.12 ft | -1.57 ft | 1.45 ft | 0.90 ft |
| 8461490 | New London, CT | 09/05/2016 17:06 (EDT) | -0.84 ft | -1.84 ft | 1.00 ft | 0.62 ft |
| 8452660 | Newport, RI | 09/05/2016 17:12 (EDT) | -2.54 ft | -3.36 ft | 0.82 ft | 0.61 ft |
| 8449130 | Nantucket Island, MA | 09/05/2016 17:06 (EDT) | 0.80 ft | -0.56 ft | 1.36 ft | 1.12 ft |
| 8447930 | Woods Hole, MA | 09/05/2016 17:06 (EDT) | -0.93 ft | -1.50 ft | 0.57 ft | 0.40 ft |
| 8447435 | Chatham, MA | 09/05/2016 16:24 (EDT) | 0.85 ft | -0.78 ft | 1.63 ft | 0.85 ft |

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce